SD11
A571
no. 339

NORTH CENTRAL FOREST EXPERIMENT STATION
Research Note NC-339
1992 FOLWELL AVE. ST. PAUL, MN 55108 FOREST SERVICE-U.S.D.A.
1986

TIMBER VOLUME IN ILLINOIS, 1985

Thomas L. Castonguay, *Associate Mensurationist*

ABSTRACT.—Illinois' 4,029,900 acres of timberland supported 4.8 billion cubic feet of growing stock in 1985. An increase of 40 percent since 1962. White oak is the most abundant tree species. Pope County in southern Illinois contains the most timber volume.

KEY WORDS: Growing stock, sawtimber, species, softwoods, hardwoods.

Illinois' 4,029,900 acres of timberland[1] supported 4.8 billion cubic feet of growing stock[2] in 1985. This is an increase of 40 percent since the last inventory in 1962[3]. As shown in the following tabulation, most species increased in volume:

Species group	Volume of growing stock 1962[3]	1985
	(Thousand cubic feet)	
Softwoods		
Pine	15,223	94,235
Bald cypress	6,835	8,904
Eastern redcedar	2,414	11,359
Other softwoods	671	2,995
Total	25,143	117,493
Hardwoods		
Select white oak	615,540	883,551
Other white oak	124,163	134,069
Select red oak	200,053	313,941
Other red oak	501,763	748,485
Select hickory	223,136	295,231
Other hickory	120,746	227,242
Basswood	25,767	54,075
Beech	14,471	12,096
Hard maple	99,824	163,083
(Tabulation continued)		
Soft maple	259,248	341,610
Elm	367,738	267,399
Ash	218,166	260,998
Sycamore	123,255	134,626
Cottonwood	114,092	157,795
Aspen	9,109	1,945
Sweetgum	58,580	45,077
Tupelo	13,934	28,043
Black walnut	77,491	119,082
Yellow poplar	26,397	51,773
Other hardwoods	203,099	477,485
Total	3,416,572	4,717,606
All species	3,441,715	4,835,099

[1]*Timberland.—Forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. This includes areas suitable for growing crops of industrial wood, generally of a site quality capable of producing more than 20 cubic feet per acre of annual growth. This includes both inaccessible and inoperable areas. Industrial wood includes commercial products such as saw logs and pulpwood.*

[2]*Net volume of all live merchantable trees 5 inches d.b.h. and larger from the stump to a variable 4-inch top diameter outside bark of the central stem. Does not include limbs or cull tree volume.*

[3]*Figures from the 1962 survey have been adjusted because of changes in survey procedure and definitions.*

LIBRARY COPY
ROCKY MTN. FOREST & RANGE
EXPERIMENT STATION

Hardwoods make up 98 percent of the growing-stock volume in the State. Fifty-four percent of the growing-stock volume is in the oak-hickory[4] forest type.

White oak is the most abundant tree species in Illinois and accounts for 719 million cubic feet or 15 percent of the growing-stock volume (table 1). Black oak, the second most plentiful species in the State, has 474 million cubic feet. The third most plentiful species is northern red oak, with 293 million cubic feet of growing stock. These three species make up about 31 percent of the growing-stock volume in Illinois.

The average growing-stock volume per acre increased from 834 cubic feet in 1962 to 1,200 cubic feet in 1985.

Additional volume in rough, rotten, and short-log trees (nongrowing stock) is 454 million cubic feet (table 1).

Included in the growing-stock volume are 18 billion board feet[5] in sawtimber trees[6]. The average sawtimber volume per acre is 4,341 board feet.

White oak is the leading sawtimber species in Illinois and comprises 18 percent of the volume. Black oak is ranked second and accounts for 11 percent of the total sawtimber volume. Northern red oak and silver maple account for much of the remaining sawtimber volume (table 1).

Timber is concentrated mostly in the Southern Survey Unit (fig. 1), with 1.3 billion cubic feet of growing stock and 4.6 billion board feet of sawtimber (table 2). Pope County in the southern part of the State contains the most timber volume (4 percent of the total), with 190 million cubic feet of growing-stock and 635 million board feet of sawtimber volume (table 3).

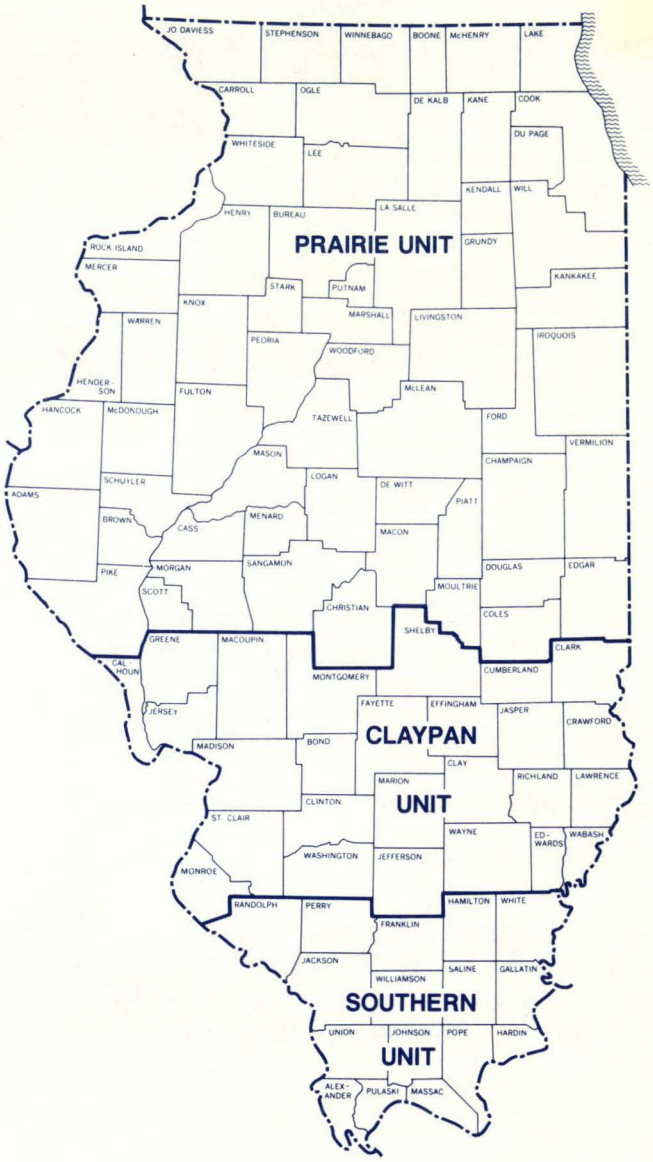

Figure 1.—*Forestry inventory units of Illinois.*

Sampling error for Illinois' total growing-stock volume of 4,835 million cubic feet is estimated to be ± 5 percent. Sawtimber sampling error is estimated to be ± 5 percent for the total of 17,495 million board feet.

The third forest inventory of Illinois was conducted in 1984 and 1985 by the North Central Forest Experiment Station with cooperation from the Illinois Department of Conservation. Aerial photography was provided by the Illinois Office of the USDA Agricultural Stabilization and Conservation Service.

[4]*Oak-hickory.—Forests in which upland oaks or hickory, singly or in combination, comprise a plurality of the stocking except where pines comprise 25 to 50 percent, in which case the stand would be classified oak-pine. (Common associates include yellow-poplar, elm, maple, black walnut, black locust, and sassafras.)*

[5]*International 1/4-inch rule.*

[6]*Net volume of live merchantable sawtimber trees (softwood 9 inches d.b.h. and larger) from the stump to a point in the central stem at which utilization for sawn products is limited by large branches, forks, or other defects, or by a top diameter outside bark of 7 inches for softwoods and 9 inches for hardwoods.*

Table 1.--Net volume on timberland by major tree class and individual species, Illinois, 1985

Species	Total all live	All live trees				Saw-log size trees		
		Growing stock[1]	Short-log cull[2]	Rough cull[3]	Rotten cull[4]	Total saw log	Sawtimber[5]	Short-log[2]
	Thousand cubic feet					Thousand board feet[6]		
Jack pine	770	702	--	68	--	--	--	--
Red pine	12,430	11,986	--	444	--	19,850	19,850	--
White pine	17,223	16,811	--	303	109	64,178	64,178	--
Loblolly pine	619	619	--	--	--	2,238	2,238	--
Shortleaf pine	64,399	64,117	--	282	--	174,129	174,129	--
Baldcypress	8,904	8,904	--	--	--	49,221	49,221	--
Eastern redcedar	13,245	11,359	293	1,593	--	24,961	24,158	803
Scotch pine	3,279	2,995	217	67	--	5,084	3,989	1,095
White oak	760,717	718,652	20,935	14,761	6,369	3,182,009	3,122,839	59,170
Swamp white oak	22,554	22,296	--	154	104	88,818	88,818	--
Bur oak	125,492	110,631	6,821	6,935	1,105	525,175	506,245	18,930
Swamp chestnut	6,872	6,872	--	--	--	34,536	34,536	--
Chinkapin oak	28,440	25,100	708	1,639	993	102,045	99,786	2,259
Overcup oak	6,793	5,709	498	--	586	27,805	26,485	1,320
Chestnut oak	624	624	--	--	--	2,528	2,528	--
Post oak	133,936	127,736	1,697	2,835	1,668	463,570	458,390	5,180
Cherrybark oak	10,121	10,047	--	--	74	45,517	45,517	--
Northern red oak	309,715	293,247	8,179	2,764	5,525	1,326,153	1,303,459	22,694
Shumard oak	11,049	10,647	241	--	161	53,467	52,720	747
Scarlet oak	14,294	12,762	421	816	295	63,518	62,002	1,516
Northern pin oak	15,793	14,401	300	952	140	58,998	58,203	795
Southern red oak	23,552	22,999	238	--	315	108,480	107,849	631
Shingle oak	86,788	78,712	2,252	4,707	1,117	253,339	246,076	7,263
Blackjack oak	7,524	5,760	232	1,174	358	13,308	12,589	719
Pin oak	146,322	139,368	3,039	2,551	1,364	626,416	617,519	8,897
Willow oak	717	717	--	--	--	3,635	3,635	--
Black oak	503,588	473,766	14,246	8,608	6,968	2,025,566	1,983,622	41,944
Pecan	8,894	8,311	162	421	--	32,767	32,164	603
Shellbark hickory	15,613	15,019	200	394	--	58,398	57,657	741
Shagbark hickory	173,498	166,065	3,810	2,983	640	552,493	540,064	12,429
Mockernut hickory	110,483	105,836	2,155	1,360	1,132	316,774	309,636	7,138
Bitternut hickory	72,876	70,654	524	1,337	361	192,303	190,719	1,584
Pignut hickory	160,864	156,588	547	2,668	1,061	430,039	428,199	1,840
American basswood	57,347	53,895	885	1,102	1,465	209,866	207,192	2,674
White basswood	180	180	--	--	--	--	--	--
Beech	16,561	12,096	931	690	2,844	58,551	55,428	3,123
Black maple	356	356	--	--	--	1,845	1,845	--
Sugar maple	187,716	162,727	8,798	8,211	7,980	557,828	531,444	26,384
Red maple	87,118	76,497	5,294	3,262	2,065	239,514	223,678	15,836
Silver maple	296,518	265,113	8,607	14,222	8,576	1,034,880	1,008,877	26,003
Winged elm	8,522	8,158	--	--	364	698	698	--
American elm	198,366	172,504	6,182	18,792	888	308,951	287,733	21,218
Siberian elm	312	312	--	--	--	1,531	1,531	--
Slippery elm	95,979	86,425	2,231	6,481	842	201,042	193,445	7,597
Black ash	7,998	7,790	208	--	--	34,467	33,740	727
Blue ash	800	800	--	--	--	1,453	1,453	--
White ash	151,814	137,182	5,741	6,547	2,344	440,947	422,732	18,215
Green ash	123,859	115,226	3,315	2,780	2,538	335,225	324,867	10,358
Sycamore	141,590	134,626	2,499	1,041	3,424	612,604	605,352	7,252
Eastern cottonwood	167,119	157,795	8,201	386	737	732,012	709,863	22,149
Black willow	65,027	50,267	3,963	8,437	2,360	177,697	165,985	11,712
Hackberry	103,866	93,543	2,907	5,278	2,138	294,350	285,326	9,024
Bigtooth aspen	352	352	--	--	--	1,839	1,839	--
Quaking aspen	1,593	1,593	--	--	--	--	--	--
River birch	39,121	36,822	423	1,220	656	105,923	104,729	1,194
Sweetgum	46,367	45,077	342	--	948	156,382	155,201	1,181
Water tupelo	14,336	13,908	--	232	196	45,715	45,715	--
Black tupelo	14,879	14,135	--	212	532	53,714	53,714	--
Black cherry	105,917	87,655	2,283	13,889	2,090	240,475	233,215	7,260
Black walnut	134,352	119,082	4,018	8,134	3,118	381,407	368,022	13,385
Butternut	6,350	5,712	240	398	--	10,818	9,927	891
Yellow poplar	53,361	51,773	372	628	588	219,897	218,641	1,256
Boxelder	81,829	42,193	4,591	26,170	8,875	112,980	97,745	15,235
Ohio buckeye	2,332	1,731	--	288	313	4,248	4,248	--
Northern catalpa	1,743	863	--	292	588	3,072	3,072	--
Persimmon	13,920	12,701	330	758	131	5,230	4,046	1,184
Kentucky coffeetree	2,999	2,319	268	412	--	9,494	8,733	761
Cucumbertree	1,529	1,480	--	49	--	6,245	6,245	--
Flowering dogwood	3,103	1,484	--	1,390	229	--	--	--
Honeylocust	82,968	68,507	5,395	7,209	1,857	268,717	251,330	17,387
White mulberry	2,156	720	--	1,100	336	1,531	1,531	--
Red mulberry	14,989	8,576	1,236	5,058	119	12,253	7,971	4,282
Black locust	41,828	35,697	486	3,334	2,311	94,969	93,254	1,715
Sassafras	34,140	27,215	608	3,551	2,766	37,347	35,261	2,086
All commercial species	5,289,200	4,835,099	148,069	211,369	94,663	17,943,035	17,494,648	448,387

[1] The volume of sound wood in the bole of growing-stock trees 5.0 inches d.b.h. and larger, from a 1-foot stump to a minimum of 4-inch top diameter outside bark, or to the point where the central stem breaks into limbs.

[2] Any live sawtimber-size tree of commercial species that has at least one 8- to 11-foot saw log, but not a 12-foot or larger saw log, that meets minimum log grade specifications.

[3] Net volume of live trees 5.0 inches d.b.h. and larger that do not contain at least one merchantable 12-foot saw log or two noncontiguous 8-foot saw logs, now or prospectively, because of roughness and poor form.

[4] Net volume of live trees 5.0 inches d.b.h. and larger that do not contain at least one merchantable 12-foot saw log or two noncontiguous 8-foot saw logs, now or prospectively, because of rot (that is, when more than 50 percent of the cull volume of the tree is rotten).

[5] Net volume of the saw log portion of live sawtimber trees (softwoods 9.0 inches d.b.h. and larger and hardwoods 11.0 inches d.b.h. and larger) from stump to a minimum 7-inch and 9-inch top diameter outside bark for softwoods and hardwoods, respectively.

[6] International 1/4-inch rule.

Table 2.--Net volume of growing stock and sawtimber on timberland by species group and Forest Survey Unit, Illinois, 1985

Species group	GROWING STOCK[1]				SAWTIMBER[2]			
	All Units	Forest Survey Unit			All Units	Forest Survey Unit		
		Southern Unit	Claypan Unit	Prairie Unit		Southern Unit	Claypan Unit	Prairie Unit
	Thousand cubic feet				Thousand board feet[3]			
Softwoods								
Jack pine	702	--	702	--	--	--	--	--
Red pine	11,986	--	--	11,986	19,850	--	--	19,850
White pine	16,811	856	142	15,813	64,178	--	777	63,401
Loblolly pine	619	619	--	--	2,238	2,238	--	--
Shortleaf pine	64,117	63,479	638	--	174,129	174,129	--	--
Bald cypress	8,904	8,904	--	--	49,221	49,221	--	--
Eastern redcedar	11,359	5,378	750	5,231	24,158	15,496	1,372	7,290
Other softwoods	2,995	947	--	2,048	3,989	--	--	3,989
Total	117,493	80,183	2,232	35,078	337,763	241,084	2,149	94,530
Hardwoods								
Select white oak	883,551	162,650	293,299	427,602	3,852,224	660,542	1,260,311	1,931,371
Other white oak	134,069	56,792	72,157	5,120	487,403	205,553	268,878	12,972
Select red oak	313,941	65,288	89,739	158,914	1,401,696	279,108	399,277	723,311
Other red oak	748,485	227,764	270,159	250,562	3,091,495	975,906	1,113,145	1,002,444
Select hickory	295,231	72,632	119,265	103,334	939,521	250,149	346,166	343,206
Other hickory	227,242	95,737	85,016	46,489	618,918	268,863	236,854	113,201
Basswood	54,075	610	7,979	45,486	207,192	911	38,288	167,993
Beech	12,096	11,907	189	--	55,428	55,428	--	--
Hard maple	163,083	47,177	34,233	81,673	533,289	133,227	101,521	298,541
Soft maple	341,610	69,874	116,252	155,484	1,232,555	228,667	421,293	582,595
Elm	267,399	51,545	76,368	139,486	483,407	85,084	168,938	229,385
Black ash	8,590	193	6,428	1,969	35,193	--	29,950	5,243
White & green ash	252,408	72,798	104,100	75,510	747,599	225,432	311,417	210,750
Sycamore	134,626	52,870	57,312	24,444	605,352	239,860	261,022	104,470
Cottonwood	157,795	28,832	40,874	88,089	709,863	108,616	191,979	409,268
Willow	50,267	14,534	5,957	29,776	165,985	57,295	22,028	86,662
Hackberry	93,543	10,280	40,596	42,667	285,326	29,912	110,693	144,721
Bigtooth aspen	352	--	--	352	1,839	--	--	1,839
Quaking aspen	1,593	--	--	1,593	--	--	--	--
River birch	36,822	17,962	11,706	7,154	104,729	39,462	44,762	20,505
Sweetgum	45,077	38,309	6,768	--	155,201	127,179	28,022	--
Tupelo	28,043	27,591	452	--	99,429	97,984	1,445	--
Black cherry	87,655	9,038	29,419	49,198	233,215	24,226	69,169	139,820
Black walnut	119,082	10,782	44,627	63,673	368,022	26,574	139,434	202,014
Butternut	5,712	1,117	1,926	2,669	9,927	2,921	1,610	5,396
Yellow-poplar	51,773	41,306	9,414	1,053	218,641	167,154	46,126	5,361
Other hardwoods	203,486	51,052	64,370	88,064	513,436	104,295	156,270	252,871
Total	4,717,606	1,238,640	1,588,605	1,890,361	17,156,885	4,394,348	5,768,598	6,993,939
All species	4,835,099	1,318,823	1,590,837	1,925,439	17,494,648	4,635,432	5,770,747	7,088,469

[1] The volume of sound wood in the bole of growing-stock trees 5.0 inches d.b.h. and larger, from a 1-foot stump to a minimum of 4-inch top diameter outside bark, or to the point where the central stem breaks into limbs.

[2] Net volume of the saw log portion of live sawtimber trees (softwoods 9.0 inches d.b.h. and larger and hardwoods 11.0 inches d.b.h. and larger) from stump to a minimum 7-inch and 9-inch top diameter outside bark for softwoods and hardwoods, respectively.

[3] International 1/4-inch rule.

Table 3.--Growing-stock and sawtimber volume on timberland by species group, county, and Forest Survey Unit, Illinois, 1985

County	GROWING STOCK[1]					SAWTIMBER[2]				
	Species group					Species group				
	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods
	SOUTHERN UNIT									
	Thousand cubic feet					Thousand board feet[3]				
Alexander	72,352	1,574	719	15,994	54,065	265,840	5,535	3,111	52,906	204,288
Franklin	59,952	1,117	761	19,832	38,242	218,817	5,653	3,585	68,510	141,069
Gallatin	58,257	3,362	574	16,528	37,793	204,731	7,867	2,736	55,662	138,466
Hamilton	49,432	859	746	16,219	31,608	178,721	4,337	3,490	55,235	115,659
Hardin	79,070	7,230	755	20,053	51,032	267,340	14,672	3,546	63,887	185,235
Jackson	172,625	4,463	1,579	51,088	115,495	618,330	15,918	7,501	168,071	426,840
Johnson	101,258	4,219	1,087	29,946	66,006	359,346	10,524	4,924	101,889	242,009
Massac	43,113	1,882	441	13,103	27,687	153,793	5,487	2,145	44,187	101,974
Perry	57,654	1,156	877	18,566	37,055	202,453	4,445	3,795	60,318	133,895
Pope	189,681	28,538	1,261	40,598	119,284	635,054	65,043	5,799	124,423	439,789
Pulaski	35,044	552	539	11,402	22,551	123,751	2,617	2,260	37,133	81,741
Randolph	93,921	1,620	1,308	30,225	60,768	328,770	6,743	5,575	97,552	218,900
Saline	59,549	3,066	744	16,421	39,318	202,514	6,387	3,465	51,972	140,690
Union	109,645	2,992	1,183	28,970	76,500	393,864	9,905	5,130	95,548	283,281
White	47,651	917	539	16,309	29,886	172,420	4,308	2,374	56,233	109,505
Williamson	89,619	2,354	1,169	28,649	57,447	309,688	6,926	5,281	92,513	204,968
Total	1,318,823	65,901	14,282	373,903	864,737	4,635,432	176,367	64,717	1,226,039	3,168,309
	CLAYPAN UNIT									
Bond	35,570	--	8	9,571	25,991	126,027	--	15	30,980	95,032
Calhoun	81,234	--	41	21,704	59,489	295,211	--	73	73,569	221,569
Clark	81,380	--	54	21,888	59,438	303,437	--	99	76,126	227,212
Clay	58,696	451	30	15,409	42,806	210,693	236	54	51,754	158,649
Clinton	55,654	146	35	15,545	39,928	206,834	76	65	53,977	152,716
Crawford	64,153	--	39	17,517	46,597	237,893	--	70	60,567	177,256
Cumberland	40,472	145	4	10,028	30,295	139,133	77	7	31,547	107,502
Edwards	20,520	--	6	5,604	14,910	73,470	--	12	18,390	55,068
Effingham	60,761	146	18	17,504	43,093	216,809	76	34	58,161	158,538
Fayette	94,198	147	7	23,128	70,916	318,492	77	13	71,763	246,639
Greene	63,391	--	33	17,274	46,084	230,758	--	59	58,515	172,184
Jasper	39,943	--	6	10,432	29,505	140,029	--	10	33,164	106,855
Jefferson	88,634	--	51	23,832	64,751	325,938	--	95	81,879	243,964
Jersey	74,584	--	42	20,153	54,389	275,142	--	76	69,287	205,779
Lawrence	37,092	149	12	10,018	26,913	131,577	78	22	32,416	99,061
Macoupin	100,977	--	48	27,195	73,734	364,324	--	88	91,166	273,070
Madison	69,323	--	41	18,724	50,558	255,551	--	73	64,357	191,121
Marion	85,158	--	49	23,095	62,014	314,815	--	91	79,544	235,180
Monroe	63,586	--	36	17,266	46,284	234,609	--	67	58,997	175,545
Montgomery	50,508	--	28	14,017	36,463	185,496	--	49	47,977	137,470
Richland	37,004	149	15	9,537	27,303	131,525	79	28	31,469	99,949
St. Clair	62,328	--	28	17,107	45,193	226,109	--	52	57,125	168,932
Shelby	72,245	--	47	19,603	52,595	269,322	--	86	68,071	201,165
Wabash	14,990	--	5	4,058	10,927	53,893	--	9	13,405	40,479
Washington	65,259	--	34	17,435	47,790	239,016	--	65	59,504	179,447
Wayne	73,177	149	33	21,148	51,847	264,644	78	60	71,572	192,934
Total	1,590,837	1,482	750	428,792	1,159,813	5,770,747	777	1,372	1,445,282	4,323,316

(Table 3 continued on next page)

[1] The volume of sound wood in the bole of growing-stock trees 5.0 inches d.b.h. and larger, from a 1-foot stump to a minimum of 4-inch top diameter outside bark, or to the point where the central stem breaks into limbs.

[2] Net volume of the saw log portion of live sawtimber trees (softwoods 9.0 inches d.b.h. and larger and hardwoods 11.0 inches d.b.h. and larger) from stump to a minimum 7-inch and 9-inch top diameter outside bark for softwoods and hardwoods, respectively.

[3] International 1/4-inch rule.

(Table 3 continued)

County	GROWING STOCK[1]					SAWTIMBER[2]				
	Species group					Species group				
	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods	All species	Pine	Other softwoods	Soft hardwoods	Hard hardwoods
	PRAIRIE UNIT									
	Thousand cubic feet					Thousand board feet[3]				
Adams	108,337	822	203	34,086	73,226	414,549	1,894	95	114,388	298,172
Boone	9,936	58	35	3,256	6,587	38,043	144	51	10,970	26,878
Brown	56,763	827	139	16,942	38,855	193,780	648	220	48,950	143,962
Bureau	34,673	502	82	10,801	23,288	110,503	310	143	27,854	82,196
Carroll	37,516	241	75	11,883	25,317	145,463	633	54	40,468	104,308
Cass	47,799	2,223	92	15,194	30,290	183,418	9,337	63	50,504	123,514
Champaign	6,945	56	36	2,252	4,601	23,493	58	63	6,073	17,299
Christian	19,879	249	96	6,123	13,411	67,990	201	164	17,499	50,126
Coles	27,852	403	60	8,343	19,046	95,159	301	101	24,221	70,536
Cook	3,299	145	4	634	2,516	13,696	258	7	1,876	11,555
De Kalb	5,436	30	12	1,727	3,667	21,156	75	16	5,904	15,161
De Witt	11,813	130	43	3,888	7,752	37,188	99	72	9,618	27,399
Douglas	7,107	106	18	2,137	4,846	24,036	70	33	6,141	17,792
Du Page	8,324	1,279	24	2,765	4,256	33,011	6,596	40	8,857	17,518
Edgar	25,612	374	40	7,565	17,633	87,894	266	76	22,085	65,467
Ford	2,544	8	9	793	1,734	9,895	16	21	2,625	7,233
Fulton	126,185	860	312	40,169	84,844	482,232	2,007	329	134,162	345,734
Grundy	19,314	458	42	6,133	12,681	72,399	1,860	50	19,860	50,629
Hancock	68,452	974	176	20,433	46,869	233,883	742	296	58,822	174,023
Henderson	43,243	2,476	80	13,819	26,868	165,279	11,829	73	45,372	108,005
Henry	21,773	282	57	6,490	14,944	75,354	214	101	18,734	56,305
Iroquois	18,247	101	98	6,095	11,953	67,051	114	214	19,360	47,363
Jo Daviess	86,679	571	189	27,485	58,434	333,920	1,434	159	92,701	239,626
Kane	15,542	447	67	4,825	10,203	51,174	615	117	12,928	37,514
Kankakee	13,678	755	57	4,592	8,274	44,962	3,321	99	11,974	29,568
Kendall	6,623	48	16	2,174	4,385	24,567	65	33	7,093	17,376
Knox	58,880	481	119	18,410	39,870	221,048	855	141	60,157	159,895
Lake	644	4	--	103	537	2,687	2	--	277	2,408
La Salle	40,075	623	84	12,592	26,776	151,936	2,225	84	41,568	108,059
Lee	16,149	401	44	5,146	10,558	62,738	1,843	42	17,293	43,560
Livingston	9,081	101	37	2,964	5,979	29,384	67	67	7,737	21,513
Logan	8,320	67	61	2,734	5,458	29,162	71	111	8,002	20,978
Macon	7,619	235	22	2,348	5,014	25,643	312	41	6,781	18,509
Marshall	30,792	189	58	9,821	20,724	119,828	542	29	33,645	85,612
Mason	52,573	3,574	76	16,489	32,434	197,917	14,844	32	53,566	129,475
McDonough	36,547	536	78	10,837	25,096	124,389	376	141	31,115	92,757
McHenry	22,624	120	66	7,250	15,188	87,366	314	98	24,365	62,589
McLean	12,554	113	65	4,184	8,192	39,750	82	115	10,182	29,371
Menard	21,324	163	91	6,923	14,147	77,962	210	177	21,923	55,652
Mercer	40,528	600	82	12,809	27,037	153,989	2,205	84	42,279	109,421
Morgan	37,269	356	247	11,916	24,750	128,847	294	460	34,130	93,963
Moultrie	9,925	77	107	3,341	6,400	33,679	66	194	9,217	24,202
Ogle	36,983	218	78	11,761	24,926	144,210	624	62	40,266	103,258
Peoria	72,058	537	155	22,776	48,590	274,186	1,179	133	75,793	197,081
Piatt	3,958	46	8	1,194	2,710	14,150	45	14	3,655	10,436
Pike	125,126	1,699	581	40,410	82,436	450,663	4,478	1,072	125,114	319,999
Putnam	20,175	140	39	6,384	13,612	77,554	342	25	21,508	55,679
Rock Island	53,244	682	107	16,870	35,585	204,254	2,456	77	56,653	145,068
Sangamon	34,013	295	59	10,452	23,207	128,103	515	53	34,245	93,290
Schuyler	88,591	566	327	29,268	58,430	331,085	925	654	96,331	233,175
Scott	25,209	339	61	7,629	17,180	87,207	286	100	22,482	64,339
Stark	5,719	39	11	1,781	3,888	21,911	80	14	5,924	15,893
Stephenson	20,539	132	39	6,415	13,953	79,630	329	32	21,693	57,576
Tazewell	32,755	559	57	10,265	21,874	124,713	2,155	30	33,863	88,665
Vermilion	35,466	474	97	11,286	23,609	124,796	669	146	33,780	90,201
Warren	25,688	226	49	7,995	17,418	95,560	350	65	25,893	69,252
Whiteside	21,458	452	45	6,801	14,160	81,923	1,893	46	22,513	57,471
Will	24,938	977	74	8,238	15,649	76,600	2,483	130	19,801	54,186
Winnebago	24,253	164	62	7,674	16,353	92,848	363	77	25,670	66,738
Woodford	36,791	237	83	11,723	24,748	142,656	653	54	39,964	101,985
Total	1,925,439	29,847	5,231	607,393	1,282,968	7,088,469	87,240	7,290	1,926,424	5,067,515
All counties	4,835,099	97,230	20,263	1,410,088	3,307,518	17,494,648	264,384	73,379	4,597,745	12,559,140

[1] The volume of sound wood in the bole of growing-stock trees 5.0 inches d.b.h. and larger, from a 1-foot stump to a minimum of 4-inch top diameter outside bark, or to the point where the central stem breaks into limbs.

[2] Net volume of the saw log portion of live sawtimber trees (softwoods 9.0 inches d.b.h. and larger and hardwoods 11.0 inches d.b.h. and larger) from stump to a minimum 7-inch and 9-inch top diameter outside bark for softwoods and hardwoods, respectively.

[3] International 1/4-inch rule.